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(71) Applicant: **ETHICON ENDO-SURGERY, INC.**
[US/US]; 4545 Creek Road, Cincinnati, OH 45242 (US).

(72) Inventors: **MAKIN, Inder, Raj., S.**; 11388 Donwiddle Drive, Loveland, OH 45140 (US). **O'CONNOR, Brian**; 20234 Cedar Cliff Drive, Lawrenceburg, IN 47025 (US).

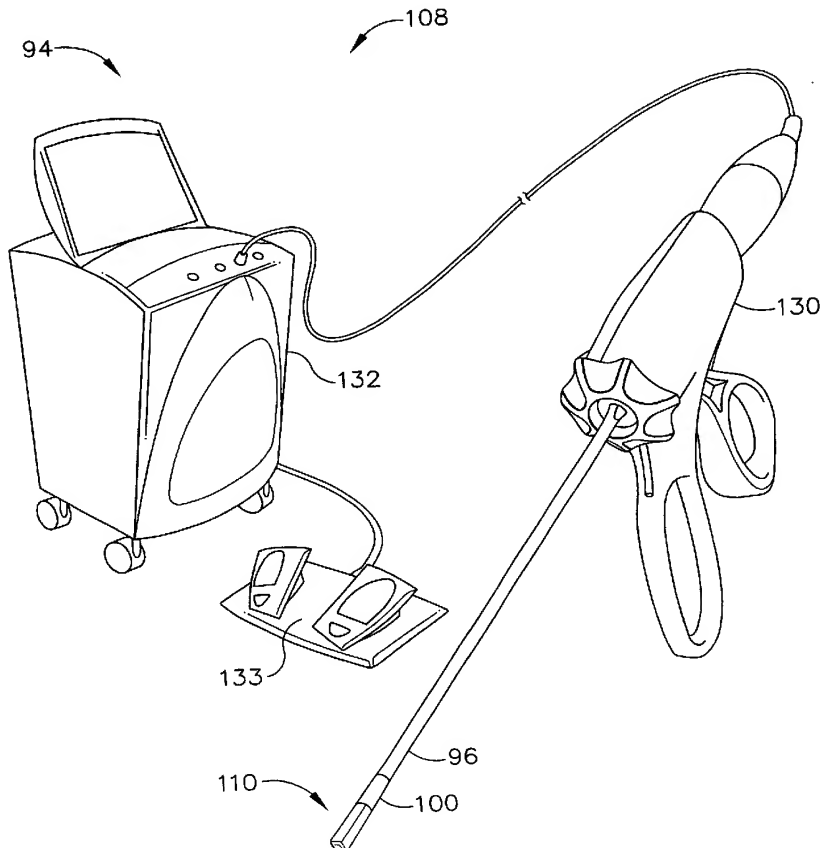
(74) Agents: **JOHNSON, Philip, S.** et al.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 45242 (US).

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[Continued on next page]

(54) Title: ULTRASOUND-BASED OCCLUSIVE PROCEDURE FOR MEDICAL TREATMENT



(57) Abstract: A method for ultrasound medical treatment of a patient. An end effector (12) is obtained having an ultrasound medical-treatment transducer assembly (20). A blood vessel is identified in the patient which supplies blood to a lesion. The blood vessel is medically treated with ultrasound from the transducer assembly (20) to substantially seal the blood vessel to substantially stop the supply of blood to the lesion from the blood vessel. In one example, the ultrasound medical-treatment transducer assembly (20) is an ultrasound imaging and medical-treatment transducer assembly (20). In one variation, the end effector (12) is inserted into the patient. In another variation, the end effector remains outside the patient.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/16421

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 18/04

US CL : 606/027

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 606/027, 28, 29, 30, 31; 600/439; 601/2-4

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,769,790 A (WATKINS et al.) 23 June 1998, see entire document.	1-17
Y	US 5,993,389 A (DRISCOLL, Jr. et al.) 30 November 1999, see entire document.	1-17
X,P	US 6,425,867 B1 (VAEZY et al.) 30 July 2002, col. 25, line 59 - col. 26, line 29.	1-17

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Further documents are listed in the continuation of Box C.

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See patent family annex.

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Box PCT
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Facsimile No. (703)305-3230

Authorized officer
Linda C. Dvorak

Telephone No. 703/3080858